

Patent Claims:

1. Method for compensating temperature in a system for tire pressure monitoring, especially by detecting a tire pressure and/or by detecting a tire pressure loss, characterized in that the temperature compensation is effected by determining the gas temperature in the tire by way of at least two items of temperature information and the determined gas temperature is made the basis for tire pressure monitoring.
2. Method as claimed in claim 1, characterized in that a temperature sensor at or in the wheel rim of the tire is made the basis for at least one item of temperature information.
3. Method as claimed in claim 1, characterized in that a temperature sensor at a brake disc is made the basis for at least one item of temperature information.
4. Method as claimed in claim 1, characterized in that a temperature sensor in the engine compartment of the vehicle is made the basis for at least one item of temperature information.
5. Method as claimed in claim 1, characterized in that a sensor for an outside or ambient temperature of the tire is made the basis for at least one item of temperature information.

6. Method as claimed in claim 1,  
characterized in that a calculated temperature model is made the basis for at least one item of temperature information.
7. Method as claimed in claim 6,  
characterized in that the temperature model is a temperature model of the tire.
8. Method as claimed in claim 6,  
characterized in that the temperature model is a temperature model of a brake disc at the tire.
9. Method as claimed in at least any one of claims 1 to 8,  
characterized in that the gas temperature determined is used to correct a pressure value determined for the tire.
10. Method as claimed in claim 9,  
characterized in that the pressure value is determined by means of a pressure sensor arranged in the tire.
11. Method as claimed in claim 9,  
characterized in that the pressure value is determined by way of the rolling circumference or a rotational speed information of the tire.